

QUERY CONTROL FORM		RTIS USE ONLY	
Application No.	10068557	Prepared by	PT
Examiner-GAU	GW - 1756	Date	7-22-04
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## JACKET

a. Serial No.	f. Foreign Priority	k. Print Claim(s)	p. PTO-1449
b. Applicant(s)	g. Disclaimer	l. Print Fig.	q. PTOL-85b
c. Continuing Data	h. Microfiche Appendix	m. Searched Column	r. Abstract
d. PCT	i. Title	n. PTO-270/328	s. Sheets/Figs
e. Domestic Priority	j. Claims Allowed	o. PTO-892	t. Other

## SPECIFICATION

- a. Page Missing
- b. Text Continuity
- c. Holes through Data
- d. Other Missing Text
- e. Illegible Text
- f. Duplicate Text
- g. Brief Description
- h. Sequence Listing
- i. Appendix
- j. Amendments
- k. Other

## MESSAGE

Claims 5-6 with end in  
A semi-colon, Is there  
information missing.

## CLAIMS

- a. Claim(s) Missing
- b. Improper Dependency
- c. Duplicate Numbers
- d. Incorrect Numbering
- e. Index Disagrees
- f. Punctuation
- g. Amendments
- h. Bracketing
- i. Missing Text
- j. Duplicate Text
- k. Other

initials *JF*

## RESPONSE

Punctuation corrected.

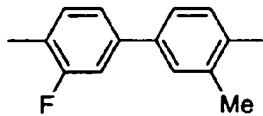
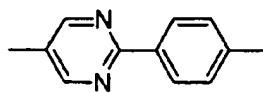
initials *JF*

D60  
4-28-04  
n1 and m are integers from 1 to 20;

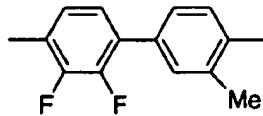
n2 can be zero or an integer from 1 to 20 where the dashed line indicates a possible double or triple bond;

k is 0 or an integer from 1 to 10}.

15. (withdrawn) The liquid crystal composition of claim 1 wherein R is R<sup>F</sup> and where R<sup>F</sup> is an achiral linear or branched perfluorinated or partially fluorinated alkyl group
16. (withdrawn) The liquid crystal composition of claim 15 wherein R<sup>F</sup> has the formula: C<sub>n</sub>F<sub>2n+1</sub>C<sub>m</sub>H<sub>2m</sub> wherein n is an integer ranging from 1 to 10 and m is an integer ranging from 1 to 10.
17. (withdrawn) The liquid crystal composition of claim 16 wherein R<sup>F</sup> is C<sub>4</sub>F<sub>9</sub>C<sub>4</sub>H<sub>8</sub>.
18. (Currently amended) The liquid crystal composition of claim 17 wherein X is ~~Θ~~ is H.
19. (withdrawn) The liquid crystal composition of claim 18 wherein the core is



OR



3. (original) The liquid crystal composition of claim 1 wherein the core rings A, B and C are selected from the group consisting of phenyls, pyridines, pyrimidines and cyclohexanes.

4. (original) The liquid crystal composition of claim 1 wherein the core is selected from the group consisting of biphenyl; dioxane; optionally substituted phenyl, optionally substituted cyclohexyl, optionally substituted cyclohexenyl, where one or more ring carbons is substituted with O, N or S; phenyl benzoate; phenylpyridine; and phenylpyrimidines.

5. (original) The liquid crystal composition of claim 2 wherein R<sub>1</sub> is a straight-chain or branched alkyl or alkenyl group wherein one or more non-neighboring carbon atoms can be replaced with an oxygen atom and wherein one or more carbons can be substituted with one or more halogens].

6. (original) The liquid crystal composition of claim 5 wherein R<sub>2</sub> and R<sub>3</sub>, independently of one another, can be H, halogen or a lower alkyl or alkenyl group].

7. (original) The liquid crystal composition of claim 6 wherein X is H, or a lower alkyl group.

8. (original) The liquid crystal composition of claim 7 wherein Z is -O- or a single bond.

9. (withdrawn) The liquid crystal composition of claim 8 wherein R is an ether, a partially fluorinated ether, or a perfluorinated ether.